

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled).
2. (Canceled).
3. (Currently Amended) A recording method for a photo addressable recording medium including an optical switching element and a display element, a resistance component of the optical switching element being controlled at least depending on a direction of an applied voltage, the method comprising:

applying a voltage to the display element during both the case where the optical switching element is irradiated with light and the case where the optical switching element is not irradiated with light so that the voltage applied to the display element is greater than a threshold voltage of the display element to turn on a display thereof, wherein, in the case where optical switching element is irradiated with light, after controlling an electrical charge amount of the display element by means of controlling a ratio of the resistance component depending at least on the direction of the applied voltage and turning off the voltage applied to the recording medium, the display is turned off by applying ~~the~~ a residual voltage, due the residual voltage corresponding to the electrical charge, charge amount and being effectively smaller than the threshold voltage.

4. (Currently Amended) A recording method for a photo addressable recording medium including an optical switching element and a display element, a resistance component of the optical switching element being controlled at least depending on a direction of an applied voltage, the method comprising:

when the optical switching element is not irradiated with light, applying a voltage to the display element so that the applied voltage does not exceed a threshold voltage of the display element; and

when the optical switching element is irradiated with light, controlling a ratio of the resistance component depending at least on the direction of the applied voltage to control an electrical charge amount of the display element, thus applying a voltage to the display element to turn on a display thereon, the applied voltage exceeding the threshold voltage due to a partial voltage increased by the decrease of the resistance component of the optical switching element and an effectively generated voltage caused by a residual voltage corresponding to the electrical charge amount.

5.-16. (Canceled).

17. (Currently Amended) A recording method for a photo addressable recording medium including an optical switching element and a display element, a resistance component of the optical switching element being controlled at least depending on a polarity of an applied voltage, the method comprising:

applying a voltage to the display element during both the case where the optical switching element is irradiated with light and the case where the optical switching element is not irradiated with light so that the voltage applied to the display element is greater than a threshold voltage of the display element to turn on a display thereof, wherein, in the case where the optical switching element is irradiated with light, after controlling an electrical charge amount of the display element by means of controlling a ratio of the resistance component depending at least on the polarity of the applied voltage and turning off the voltage applied to the recording medium, the display is turned off by applying ~~the~~ a residual voltage, the residual voltage corresponding due to the electrical charge, effectively smaller than the threshold voltage.

18. (Currently Amended) A recording method for a photo addressable recording medium including an optical switching element and a display element, a resistance component of the optical switching element being controlled at least depending on a polarity of an applied voltage, the method comprising:

when the optical switching element is not irradiated with light, applying a voltage to the display element so that the applied voltage does not exceed a threshold voltage of the display element; and

when the optical switching element is irradiated with light, controlling a ratio of the resistance component depending at least on the polarity of the applied voltage to control an electrical charge amount of the display element, thus applying a voltage to the display element to turn on a display thereon, the applied voltage exceeding the threshold voltage due to a partial voltage increased by the decrease of the resistance component of the optical switching element and an effectively generated voltage caused by a residual voltage corresponding to the electrical charge.